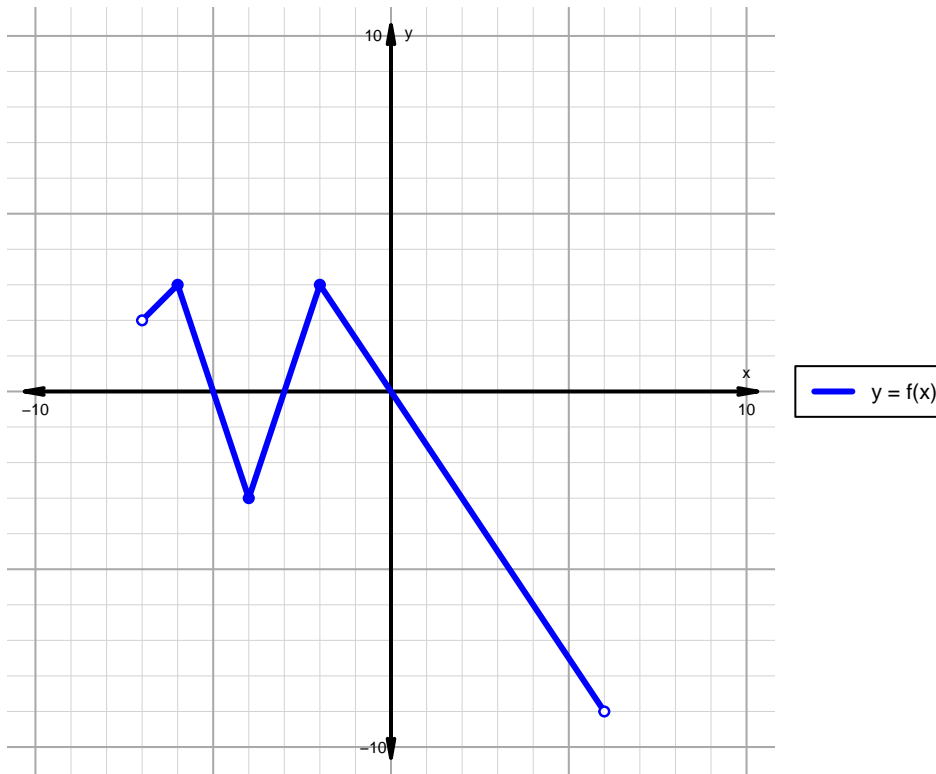


Name: _____

Date: _____

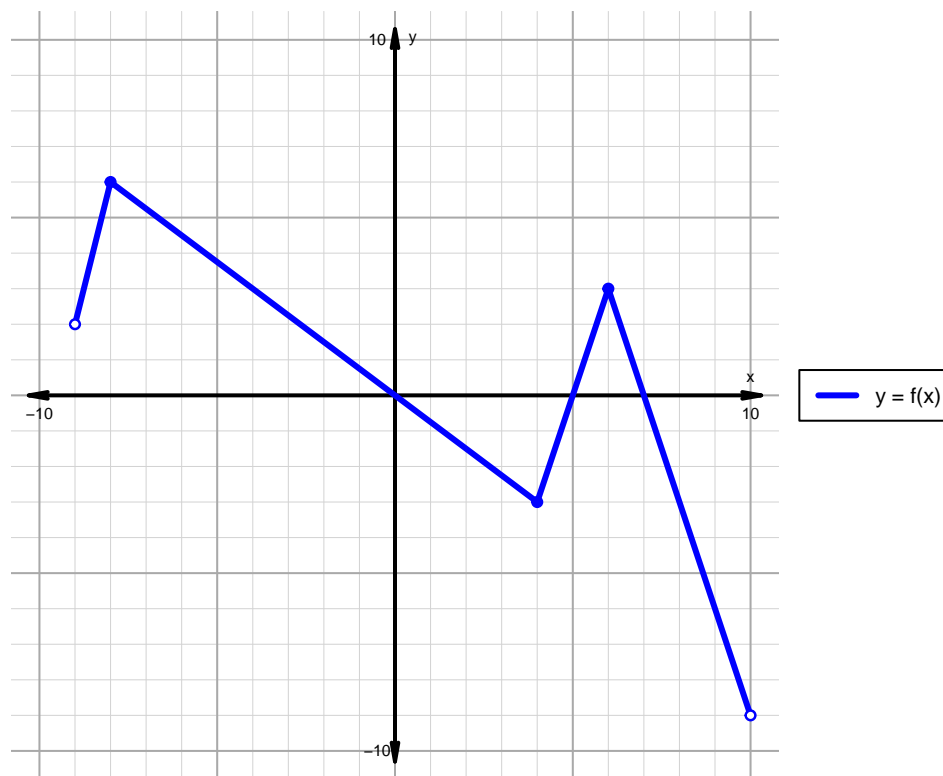
Function-Feature Intervals (version 18)1. The function f is graphed below.

Indicate the following intervals using interval notation. Remember, you can use \cup between two intervals to indicate the union. Except for range, all intervals will indicate x values; this is standard.

Feature	Where
Positive	$(-7, -5) \cup (-3, 0)$
Negative	$(-5, -3) \cup (0, 6)$
Increasing	$(-7, -6) \cup (-4, -2)$
Decreasing	$(-6, -4) \cup (-2, 6)$
Domain	$(-7, 6)$
Range	$(-9, 3)$

Function-Feature Intervals (version 18)

2. The function f is graphed below.



Indicate the following intervals using interval notation. Remember, you can use \cup between two intervals to indicate the union. Except for range, all intervals will indicate x values; this is standard.

Feature	Where
Positive	$(-9, 0) \cup (5, 7)$
Negative	$(0, 5) \cup (7, 10)$
Increasing	$(-9, -8) \cup (4, 6)$
Decreasing	$(-8, 4) \cup (6, 10)$
Domain	$(-9, 10)$
Range	$(-9, 6)$